



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5708-1
Job Sheet 195588



Part No: D5708-1

Job Qty: 6 pcs

Part Name: Clip



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/27/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 6/21/19

Type: SOLD

Description:

Note: DWG D5708 REV.A2 IPP REV:A 19.01.04 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	6 pcs	6/21/19	6/21/19	0.00	0.00	Purchasing - 1	
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	6 pcs	6/21/19	6/21/19	0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S185613



Part: D5708-1

Job No: 195588

Serial No/Batch: S185613

Revision: A

Inspector:

Exp Date:

Instructions: Various STC's

Date: 05/30/19

				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120 QC 6	6 pcs	6/21/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	DAS
				QC 6 - 61	61
				QC 6 - 40	9-89
130 Packaging 3-1 - Stock - B4B	6 pcs	6/21/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	6 pcs	6/21/19	0.00 0.00	QC 21 - SA - 21	TARA
				QC 21 - SA - 70	DAS
				QC 21 - SA - 53	21

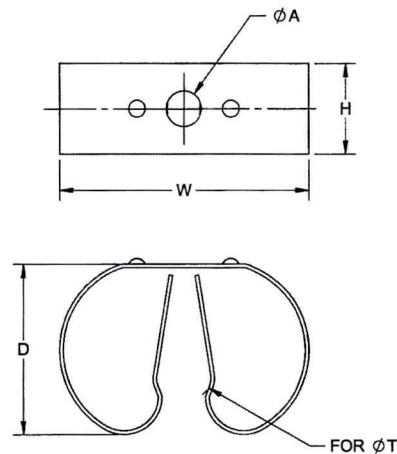
Part Op 100 - ISSUE P/O: _____ VENDOR: MCMMASTER CARR VENDOR P/N: 1723A21 C OF C IS
 Descriptions: REQUIRED

- 110 - (Receive & Inspect for Damage & Mat'l Certs)
- 120 - (QC6- All purchased or subcontracted products)
- 130 - (Identify as per dwg & Stock Location: _____)
- 140 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
1723A21	Clip	6 Ea (1 ea)	100-Purchasing	5185608
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	1723A21	6	0	0
Part Specifications				
Specifications could not be found.				

Plex 5/27/19 12:36 PM Dart.lajeunesse.marie

SPECIFICATION CONTROL DRAWING



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 195588 MW
(1905-27)

D5708-X CLIP

DART P/N	DESCRIPTION	VENDOR	VENDOR P/N	MATERIAL	"A"	OVERALL DEPTH "D"	OVERALL HEIGHT "H"	OVERALL WIDTH "W"	ITEM DIAMETER "T"	WEIGHT
D5708-1	CLIP	McMASTER-CARR	1723A21	ZINC-PLATED STEEL	0.195	0.88	0.50	1.38	0.38 - 0.63	0.01 lbs

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 6.7
- 7) WEIGHT: SEE TABLE

RELEASED

2019 MAY 02
ECN 19-555

APPROVED

A	NEW ISSUE	RF	18.11.27
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF	DRAWING NO.	REV. A
CHECKED	WK	D5708	SHEET 1 OF 1
MFG. APPR.	SH	TITLE	SCALE
APPROVED	VS	CLIP	NTS
DE APPR.	DSW	COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	18.11.27		

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread		Other/Details: _____ _____ _____			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043579



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043579

PO Date: 5/29/19

Due Date: 5/31/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	195588	1723A21	10/pk	Clip	Firmed -	61	5/31/19	10 Ea	0 Ea	10 Ea	\$0.947/Ea	\$9.47
3	195587	2458K12		Zinc Plated Steel Housing Chrome Plated Steel Ball PTFE Lubricated Reinforced Plastic Insert	Firmed -		5/31/19	12 Ea	0 Ea	12 Ea	\$5.38/Ea	\$64.56

Grand Total: \$74.03

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/30/19 2:03 PM Dart.Guerin.Kimberley



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043579



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043579

PO Date: 5/29/19

Due Date: 5/31/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

E-MAILED
2019-05-29

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	195587	1723A21	10/pk	Clip	Firmed	-	5/31/19	10 Ea	0 Ea	10 Ea	\$0.947/Ea	\$9.47
2		24175K46	PER FT	Rubber U-Channel Push-On Trim 31/64" Inside Ht. X 1/8" Inside Width	Firmed	-	5/31/19	10 ft	0 ft	10 ft	\$3.62/ft	\$36.20
					X10			MAY 30 2019			DP	
3	195588	2458K12		Zinc Plated Steel Housing Chrome Plated Steel Ball PTFE Lubricated Reinforced Plastic Insert	Firmed	-	5/31/19	12 Ea	0 Ea	12 Ea	\$5.38/Ea	\$64.56
4		8969K654	1/pk	Ultra-Strength Oil-Resistant Buna-N Rubber Adhesive-Back Sheet 3/32" Thick	Firmed	-	5/31/19	1 Ea	0 Ea	1 Ea	\$21.56/Ea	\$21.56
					X1			MAY 30 2019			DP	
5		91732A782	10/pk	18-8 SS Helical Insert M6 X 1 mm X 12 mm Long	Firmed	-	5/31/19	10 Ea	0 Ea	10 Ea	\$0.62/Ea	\$6.20
					X10			MAY 30 2019			DP	
6		92562A358	1/pk	Cad Plated Steel Socket Head Screw 3/8"-16 X 2" Long	Firmed	-	5/31/19	1 Ea	0 Ea	1 Ea	\$21.00/Ea	\$21.00
					X1			MAY 30 2019			DP	

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PURCHASE ORDER

POHB043579



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
7		93635A208	25/pk	316 SS Hex Head Screw M6 X 1 mm X 12 mm Long	Firmed	-	5/31/19	25 Ea	0 Ea	25 Ea	\$0.264/Ea	\$6.60
8		94191A350	10/pk	Hex Nut 3/8-24 - Steel	Firmed	-	5/31/19	10 Ea	0 Ea	10 Ea	\$0.531/Ea	\$5.31
9		95211A160	25/pk	316 SS Washer 6.4 mm ID. X 18.0 mm OD. X 1.4-1.8 mm Thick	Firmed	-	5/31/19	25 Ea	0 Ea	25 Ea	\$0.3096/Ea	\$7.74
10		301-1/2-BK-ESP	7856K14 4 ft. Black	Heat Shrink Tubing - Black (Norvac)	Firmed	-	5/31/19	4 ft	0 ft	4 ft	\$0.615/ft	\$2.46
11		301-1/2-G-ESP	7856K14 4 ft Green	Heat Shrink Tubing - Green (Norvac)	Firmed	-	5/31/19	4 ft	0 ft	4 ft	\$0.615/ft	\$2.46
12		301-1/2-R-ESP	7856K14 4 ft Red	Heat Shrink Tubing - Red (Norvac)	Firmed	-	5/31/19	4 ft	0 ft	4 ft	\$0.615/ft	\$2.46
13		20NR-46	97135A275 5/PK	Nut, 5/8	Firmed	-	5/31/19	10 Ea	0 Ea	10 Ea	\$0.916/Ea	\$9.16

Grand Total: \$195.18

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/29/19 2:30 PM Dart.Guerin.Kimberley



McMASTER-CARR®

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

RECEIVED

MAY 30 2019

DART AEROSPACE LTD

Purchase Order
POHB043579

Order Placed By
Kimberly Guerin

McMaster-Carr Number
5095366-02

Packing List

Page 1 of 1

05/29/2019

Line	Product	Ordered	Shipped
1	1723A21 Zinc-Plated Steel Holder for 3/8" to 5/8" Tool Diameter, Packs of 10	1 Pack	1
2	24175K46 U-Channel Push-on Trim, Heavy Duty Rubber, 1/8" Wide x 31/64" High Inside, 10' Long	10 Feet	10
3	2458K12 Lubrication-Free Ball Joint Rod End, 1/4"-28 Thread, Right-Hand	12 Each	12
4	8969K654 Ultra-Strength Oil-Resistant Buna-N Rubber, Adhesive-Back Sheet, 12" x 12", 3/32" Thick	1 Each	1
5	91732A782 Stainless Steel Helical Insert, M6 x 1 Thread Size, 12 mm Long, Packs of 10	1 Pack	1
7	93635A208 316 Stainless Steel Hex Head Screw, Super-Corrosion-Resistant, M6 x 1 mm Thread, 12 mm Long, Packs of 25	1 Pack	1
8	94191A350 Mil. Spec. High-Strength Steel Hex Nut, Grade 8, 3/8"-24 Thread Size, MS-51968-9, Packs of 10	1 Pack	1
9	95211A160 316 Stainless Steel Oversized Washer for M6 Screw Size, 6.4 mm ID, 18 mm OD, Packs of 25	1 Pack	1 Red 26x
10	7856K14 Heat-Shrink Tubing, 4 Feet Long, 0.19" ID Before Shrinking, Black	1 Each	1
11	7856K14 Heat-Shrink Tubing, 4 Feet Long, 0.19" ID Before Shrinking, Green	1 Each	1
12	7856K14 Heat-Shrink Tubing, 4 Feet Long, 0.19" ID Before Shrinking, Red	1 Each	1
13	97135A275 High-Strength Steel Nylon-Insert Locknut, Grade 8, Zinc Yellow-Chromate Plated, 5/8"-18 Thread Size, Packs of 5	2 Packs	2

Shipped separately from our Chicago warehouse on 05/29

6	92562A358 Mil. Spec. Alloy Steel Socket Head Screw, 3/8"-16 Thread Size, 2" Long	1 Each	1
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200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
POHB043579
Order Placed By
Kimberly Guerin

McMaster-Carr Number
5095366-01

Page 1 of 1

05/29/2019

RECEIVED
MAY 30 2019
DART AEROSPACE LTD.

Line	Product	Ordered	Shipped
6	92562A358 Mil. Spec. Alloy Steel Socket Head Screw, 3/8"-16 Thread Size, 2" Long	1 Each	1

Shipped separately from our Cleveland warehouse on 05/29

1	1723A21 Zinc-Plated Steel Holder for 3/8" to 5/8" Tool Diameter	1 Pack	1
2	24175K46 U-Channel Push-on Trim, Heavy Duty Rubber, 1/8" Wide x 31/64" High Inside, 10' Long	10 Feet	10
3	2458K12 Lubrication-Free Ball Joint Rod End, 1/4"-28 Thread, Right-Hand	12 Each	12
4	8969K654 Ultra-Strength Oil-Resistant Buna-N Rubber, Adhesive-Back Sheet, 12" x 12", 3/32" Thick	1 Each	1
5	91732A782 Stainless Steel Helical Insert, M6 x 1 Thread Size, 12 mm Long	1 Pack	1
7	93635A208 316 Stainless Steel Hex Head Screw, Super-Corrosion-Resistant, M6 x 1 mm Thread, 12 mm Long	1 Pack	1
8	94191A350 Mil. Spec. High-Strength Steel Hex Nut, Grade 8, 3/8"-24 Thread Size, MS-51968-9	1 Pack	1
9	95211A160 316 Stainless Steel Oversized Washer for M6 Screw Size, 6.4 mm ID, 18 mm OD	1 Pack	1
10	7856K14 Heat-Shrink Tubing, 4 Feet Long, 0.19" ID Before Shrinking, Black	1 Each	1
11	7856K14 Heat-Shrink Tubing, 4 Feet Long, 0.19" ID Before Shrinking, Green	1 Each	1
12	7856K14 Heat-Shrink Tubing, 4 Feet Long, 0.19" ID Before Shrinking, Red	1 Each	1
13	97135A275 High-Strength Steel Nylon-Insert Locknut, Grade 8, Zinc Yellow-Chromate Plated, 5/8"-18 Thread Size	2 Packs	2